Automation Software
Standard Operating Procedures

System StartUp and Initialization
1   Bring up the Data Handling Node.
    1.1 Power on all equipment attached to the Node.
        1.1.1 Ensure equipment is in Remote mode (if applicable).
    1.2 Power on the Node.
    1.3 Log in as **Operator** (password is **AWOTS**).
    1.4 Wait for the GRM (General Resource Manager) to start.
        1.4.1 The GRM is included in the StartUp procedure for the Node and should start automatically.
        1.4.2 GRM is ready when you see **Ready…………..** in the GRM window.
2   Bring up the Recorder Node.
    2.1 Power on all equipment attached to the Node.
        2.1.1 Ensure equipment is in Remote mode (if applicable).
    2.2 Power on the Node.
    2.3 Log in as **Operator** (password is **AWOTS**).
    2.4 Wait for the GRM (General Resource Manager) to start.
        2.4.1 The GRM is included in the StartUp procedure for the Node and should start automatically.
        2.4.2 GRM is ready when you see **Ready…………..** in the GRM window.
3   Bring up Masters 1 and 2.
    3.1 Ensure GRM on all Remote Nodes are ready.
    3.2 Power on the Master.
    3.3 Log in as **Operator** (password is **AWOTS**).
    3.4 Wait for the Master processes to start.
        3.4.1 The Master processes are included in the StartUp procedure for the Master and should start automatically.
    3.5 On one Master (either one is fine) answer **Yes** to the question "Should this Master become the Scheduling Master?"
    3.6 On one Master (either one is fine) answer **Yes** to the question "Should this Master become the Reporting Master?"

> The Software is now ready to monitor and control equipment remotely or locally.

Remote control (from the Master)
1   Click on the block diagram button corresponding to the type of equipment to be controlled.
    1.1 A window containing (eventually) high level status for all units will be displayed.
2   In the high-level status window, double click on the specific unit to be controlled.

Local control (from the Node)
1   From the Start menu, select the group corresponding to the type of equipment to be controlled.
2   Select the unit to be controlled.